

Johnson, James

From: Schaefer, Joe
Sent: Wednesday, April 02, 2014 10:03 AM
To: Mahler, Tom; Kappelman, David
Cc: Hooper, Charles A.; Nold, Eric; Johnson, James
Subject: RE: Air monitoring Recon update

Tom,

I haven't had a chance to touch base with Dave yet, but based on what we know we should be able to VIPERize the Gamma Tracers/Genitron system.

Its going to require some programming effort on our part to extract the data from the Genitron database and transform it into a VIPER format, are we still looking at a start date 2 weeks out?

Joe Schaefer
US EPA/Environmental Response Team
(732) 906-6920 (office)
(609) 865-8111 (cell)

From: Mahler, Tom
Sent: Tuesday, April 1, 2014 2:46 PM
To: Kappelman, David; Schaefer, Joe
Cc: Hooper, Charles A.; Nold, Eric; Johnson, James
Subject: RE: Air monitoring Recon update

Hi Dave,

I just wanted to check in with you on the possibility of Region 7 borrowing some of the Gamma Tracers. We have decided on 5 locations and we are currently working on getting access agreements at these locations. Have you been able to get the official word on whether these instruments would be available?

Also, we are planning to utilize VIPER to collect and display some of our other real time air monitoring data. Have you and Joe come up with a strategy on how to get the data from the Gamma Tracer system into VIPER? Let me know what you think.

Feel free to give me a call anytime this week. It looks like we are being directed to get some of these plans in place as soon as possible.

Thanks again,

Tom Mahler
On-Scene Coordinator
EPA Region 7
913-551-7416

From: Kappelman, David
Sent: Wednesday, March 26, 2014 10:23 AM
To: Nold, Eric; Schaefer, Joe; Hooper, Charles A.; Mahler, Tom
Subject: RE: Air monitoring Recon update

0714



Superfund

1.0

0400

Here is the information on the ShortLINK system and the GammaTracer Probes that I located while on travel. I think this "system" will fit your long term gamma exposure rate monitoring needs. I will talk with Harry today, to see if we can "dedicate" this equipment to St. Louis site for a year.

David Kappelman
USEPA Environmental Response Team
cell 513-240-6840

From: Nold, Eric
Sent: Wednesday, March 26, 2014 9:07 AM
To: Schaefer, Joe; Kappelman, David; Hooper, Charles A.; Mahler, Tom
Subject: FW: Air monitoring Reconn update

Don't know if this will be useful info for the call this morning but here is what the state's monitoring system is right now at the site

From: Larson, Kevin
Sent: Tuesday, March 25, 2014 1:44 PM
To: Nold, Eric; Johnson, James; Mahler, Tom
Subject: Air monitoring Reconn update

I am still trying to make some additional contacts but here is a preliminary update:

Met with Adam Vrabec at the MDNR Monitoring trailer.

MDNR AreaRaes are monitoring for SO₂, H₂S, CO, VOC, LEL, O₂ and Gamma. Their alarms levels are as follows:

CO – 9ppm	
SO ₂ – Day: 0.10 ppm	Night: 0.40 ppm
H ₂ S – Day: 0.30 ppm	Night: 1.00 ppm
VOC – Day: 5.00 ppm	Night: 10.00 ppm
LEL – Day: 5%	Night: 10%
Gamma – 100 uR/Hour	
O ₂ – 19.50%	

The AreaRaes are polled every 60 seconds. And they run one Summa sample per week. If there are hits they field screen with handheld instruments such as a UltraRae which reads in ppb.

Data downloads are done at 1300 hours on Mondays and Thursdays. Data is sent to MDNR in Jefferson City who then posts the data.

Alarms are sent out via text and e-mail to MDNR personnel on site.

They are not having to use repeaters for the AreaRaes.

New air monitoring locations.

Residential #1 - I did a walk thorough of the Spanish Village Park, the restroom facility does have electric power but was unable to enter it since it is locked up for winter. The roof of the restroom is sloped and may present an issue with our equipment being placed on the roof. See the attached pictures. I left a phone message for the Superintendent of Bridgeton Parks to discuss access.